

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20020163753"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/23 12:53
S2	2	"6185467".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/23 12:54
S3	23	"360".clas. and (((amplif\$4) same (current) same (VCM (voice near2 coil near2 motor))) and (amplifier with saturat\$4) and seek\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/23 13:00
S4	15	"360".clas. and (((amplif\$4) same (driv\$4 near3 current) same (VCM (voice near2 coil near2 motor))) and (amplifier with saturat\$4) and seek\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/23 13:11
S5	2	"360".clas. and (((amplif\$4) same (driv\$4 near3 current) same (VCM (voice near2 coil near2 motor))) and ((amplifier with saturat\$4) same seek\$3 same (reduc\$3 decreas\$3 limit\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/23 13:18
S6	4	"360".clas. and (((amplif\$4) same (current) same (VCM (voice near2 coil near2 motor))) and ((amplifier with saturat\$4) same seek\$3 same (reduc\$3 decreas\$3)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/23 13:32
S7	3	("360".clas. and (((amplif\$4) same (current) same (VCM (voice near2 coil near2 motor))) and ((amplifier with saturat\$4) same seek\$3 same (reduc\$3 decreas\$3)))) not ("360".clas. and (((amplif\$4) same (driv\$4 near3 current) same (VCM (voice near2 coil near2 motor))) and ((amplifier with saturat\$4) same seek\$3 same (reduc\$3 decreas\$3 limit\$3))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:19

S8	8	("360".clas. and (((amplif\$4) same (current) same (VCM (voice near2 coil near2 motor))) and (amplifier with saturat\$4) and seek\$3)) not ("360".clas. and (((amplif\$4) same (driv\$4 near3 current) same (VCM (voice near2 coil near2 motor))) and (amplifier with saturat\$4) and seek\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/23 13:24
S9	3	"360".clas. and (VCM (voice near2 coil near2 motor)) and ((amplifier with saturat\$4) same seek\$3 same ((reduc\$3 lower\$3 decreas\$3) with current))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/23 13:35
S10	6	"360".clas. and (VCM (voice near2 coil near2 motor)) and ((amplifier with saturat\$4) same ((reduc\$3 lower\$3 decreas\$3) with current))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:19
S11	9	"360".clas. and (VCM (voice near2 coil near2 motor)) and ((amplifier with saturat\$4) same ((increas\$3 augment\$3 add\$3 rais\$3 ris\$3) with current))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/03/25 10:28
S12	2	"20020163753"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 12:57
S13	112408	((voice-coil (voice near2 coil) voicecoil coil) near2 motor) VCM (actuator\$1 near2 (driv\$3 motor positioner\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 14:15
S14	317555	filter\$4 with signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:11
S15	475917	amplif\$4 with signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:11
S16	372	S13 same S14 same S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:06

S17	1036882	(((dis\$1 hard) near2 (drive apparatus)) HDA HDD DASD RAID platter (magnetic storage drive\$1 assembly) near2 (disk\$5 disc\$1 media medium device) (storage near2 drive\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:05
S18	209	S16 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:05
S19	4	S13 same S14 same S15 same saturat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:11
S20	37167	((voice-coil (voice near2 coil) voicecoil coil) near2 motor) VCM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:11
S21	538513	saturat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:11
S22	1608014	filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:11
S23	888850	amplif\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:11
S24	13	S20 same S21 same S22 same S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:12
S25	8	S24 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 13:19

S26	1203239	(decreas\$3 reduc\$3 lower\$3 abat\$3 diminish\$3 lessen deduct\$4 attenuat\$4 shrink\$3 limit\$3 restrict\$3 curtail\$3 restrain\$3 decelerat\$3 retard\$3 mitigat\$3 moderat\$3 alleviat\$3 lessen\$3 shorten\$3) near4 (current signal voltage power)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 15:02
S29	16303	saturat\$3 with amplif\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 14:15
S30	888850	amplif\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 14:15
S31	3706	S13 with S30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:04
S32	1313	S13 with S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 14:17
S33	294	S31 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 14:18
S34	18	S33 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 14:18
S35	16	S34 and S26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 14:59
S36	488044	seek\$3 search\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 15:00

S37	344	S13 and S21 and S22 and S23 and S26 and S36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 15:02
S38	14362	S26 with S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 15:03
S39	54	S37 and S38	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 15:03
S40	13	S38 same S36 same S13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 15:07
S41	5	S40 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/13 15:04
S42	1203854	(decreas\$3 reduc\$3 lower\$3 abat\$3 diminish\$3 lessen deduct\$4 attenuat\$4 shrink\$3 limit\$3 restrict\$3 curtail\$3 restrain\$3 decelerat\$3 retard\$3 mitigat\$3 moderat\$3 alleviat\$3 lessen\$3 shorten\$3) near4 (current signal voltage power)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:04
S43	16312	saturat\$3 with amplif\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:21
S44	2072	S42 with S43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:04
S45	4	(motor vcm) same seek\$3 same S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:13



S46	10731	saturat\$3 near4 amplif\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:21
S47	1254	S42 with S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:27
S48	5	S47 with seek\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:22
S49	6	S44 with seek\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:22
S50	488436	seek\$3 search\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:27
S51	5	S47 with S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:28
S52	6	S44 with S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/14 09:28